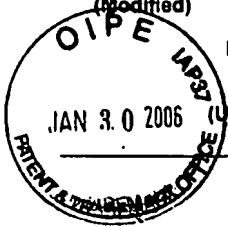


Sheet 1 of 1



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(Modified) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
JP920020207US1

SERIAL NO.  
10730,773

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

APPLICANTS  
Sato et al.

FILING DATE  
December 9, 2003

GROUP  
2131

(Use several sheets if necessary)

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

### U.S. PATENT APPLICATION PUBLICATION

EXAMINER INITIAL	PUBLICATION NUMBER	PUB. DATE	APPLICANT	APPLICATION NUMBER	FILING DATE

### FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BD	02-110491	04/23/1990	Japan				
	06-282430	10/07/1994	Japan				
	07-140896	06/02/1995	Japan				
	10-003432	01/08/1998	Japan				
	11-110350	04/23/1999	Japan				
	08-044632	02/16/1996	Japan				
	2001-022647	01/26/2001	Japan				
	2001-345796	12/14/2001	Japan				
	2002-033727	01/31/2002	Japan				
BD	2002-229859	08/16/2002	Japan				

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Japanese Office Action


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FORM PTO-1449 (Modified)				ATTY. DOCKET NO.: JP920020207US1		SERIAL NO.: 10/730,773	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT				APPLICANT: Satoh et al.			
(Use several sheets if necessary)				FILING DATE: 12/9/03		GROUP: 2131	

REFERENCE DESIGNATION									
U.S. PATENT DOCUMENTS									
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPRO.)			
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									

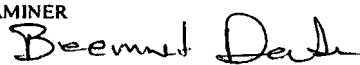
  

FOREIGN PATENT DOCUMENTS							
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
					YES	NO	
AI							
AJ							
AK							

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)		
Bb	AL	Japanese Publication No. 2002-319230 published on October 31, 2002
Bb	AM	Japanese Publication No. 11-352881 published December 24, 1999.
	AN	
	AO	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		APPLICANTS Satoh et al.	
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## U.S. PATENT DOCUMENTS

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	FOREIGN DOCUMENT NUMBER	PUB. DATE MM-DD-YYYY	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BD	06-282430	10-07-1994	Japan			Abst.	
	10-003432	01-06-1998	Japan			Abst.	
	11-110350	04-23-199	Japan			Abst.	
	08-044632	02-16-1996	Japan			Abst.	
	2002-033727	01-31-2002	Japan			Abst.	
	2002-229859	08-16-2002	Japan			Abst.	
	2001-345798	12-14-2001	Japan			Abst.	
	02-110491	04-23-1990	Japan			Abst.	
	2001-022647	01-26-2001	Japan			Abst.	
BD	07-140896	06-02-1995	Japan			Abst.	

## OTHER DOCUMENTS (Including Author in capital letters)

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	<b>APPLICANTS</b> Satoh et al.	
	<b>FILING DATE</b> December 9, 2003	<b>GROUP</b> 2131

**U.S. PATENT DOCUMENTS**

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EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

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	FOREIGN DOCUMENT NUMBER	PUB. DATE MM-DD-YYYY	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
BP	63-219044	09-12-1988	Japan			Abst.	
	11-272581	10-08-1999	Japan			Abst.	
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	WO97/14147	04-17-1999	Japan			Abst.	
	05-233459	09-10-1993	Japan			Abst.	
BD	61-239484	10-24-1999	Japan			Abst.	

**OTHER DOCUMENTS (Including Author in capital letters)**

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